



U.S. Department of Commerce Patent and Trademark Office				Atty. Docket: 306.07		Appln. No.: 09/975,552		
Modified Form PTO-1449 Information Disclosure Statement				Applicant: KIRKPATRICK, Douglas A. et al.				
Sheet <u>1</u> of <u>7</u>				Date: June 14, 2002		Filing Date: October 12, 2001		
				Group: 2821				
U.S. Patent Documents								
* Ex. Initials		Document #	Date MM/DD/YY	Name	Class	Subclass	Filing Date	
JV	A1	843,534	02/05/07	Hewitt	315	248		
	B1	1,854,912	04/19/32	Spaeth	315	108		
	C1	Re 21,150	07/11/39	Lepel	176	122		
	D1	2,333,052	10/26/43	Smith	176	122		
	E1	3,860,854	01/14/75	Hollister	315	248	09/17/73	
	F1	4,021,727	05/03/77	Fellows	324	20R	12/10/75	
	G1	4,206,387	06/03/80	Kramer et al.	315	248	09/11/78	
	H1	4,427,920	01/24/84	Proud et al.	315	248	10/01/81	
	I1	4,705,987	11/10/87	Johnson	313	634	10/03/85	
	J1	4,812,702	03/14/89	Anderson	313	153	12/28/87	
	K1	4,864,194	09/05/89	Kobayashi et al.	315	248	05/04/88	
	L1	4,894,590	01/16/90	Witting	315	248	08/01/88	
	M1	4,894,591	01/16/90	Witting	315	248	09/06/88	
JV	N1	4,908,492	03/13/90	Okamoto et al.	219	121.52	05/05/89	
Foreign Patent Documents								
		Document #	Date MM/DD/YY	Country	Class	Subclass	Translation Yes No	
JV	O1	8-148127	06/07/96	Japan	H01J	65/04	X	
JV	P1	93/21655	10/28/93	WIPO	H01J	61/38		
JV	Q1	97/45858	12/04/97	WIPO	H01J	61/12		
	R1							
	S1							
Other Citations (including Author, Title, Date, Pertinent Pages, etc.)								
JV	T1	Godyak, V.A. et al., "Electrical and light characteristics of RF-inductive fluorescent lamps", <i>J. of the Illuminating Engineering Society</i> , p 40-44(Winter 1994), presented at the 1993 IESNA Annual Conference.						
JV	U1	Piejak, R.B. et al., "A simple analysis of an inductive RF discharge", <i>Plasma Sources Sci. Technol.</i> 1:179-186 (1992).						
JV	V1	Thomson, J.J., "On the discharge of electricity through exhausted tubes without electrodes", <i>Phil. Mag. S.5.</i> , Vol. 32, No. 197, p. 321-464 (October 1891), The London, Edinburgh, and Dublin Philosophical Magazine and Journal of Science.						
Examiner 				Date Considered 12/15/03				
* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and <u>not</u> considered. Include a copy of this form with the next communication to Applicant.								



U.S. Department of Commerce Patent and Trademark Office				Atty. Docket: 306.07		Appln. No.: 09/975,552	
Modified Form PTO-1449 Information Disclosure Statement				Applicant: KIRKPATRICK, Douglas A. et al.			
Sheet <u>2</u> of <u>7</u>				Date: June 14, 2002		Filing Date: October 12, 2001	
						Group: 2821	
U.S. Patent Documents							
* Ex. Initials		Document #	Date MM/DD/YY	Name	Class	Subclass	Filing Date
JV	A2	4,926,791	05/22/90	Hirose et al.	118	723	04/26/88
	B2	5,039,903	08/13/91	Farrall	313	160	03/14/90
	C2	5,070,277	12/03/91	Lapatovich	315	248	05/15/90
	D2	5,072,157	12/10/91	Greb et al.	315	248	09/01/89
	E2	5,259,436	11/09/93	Yun et al.	164	97	04/08/91
	F2	5,498,928	03/12/96	Lapatovich et al.	315	39	05/24/94
	G2	5,498,937	03/12/96	Körber et al.	315	248	02/09/94
	H2	5,570,502	11/05/96	Sawtell et al.	29	527.6	04/28/94
	I2	5,616,421	04/01/97	Sawtell et al.	428	614	05/18/95
	J2	4,010,400	03/01/77	Hollister	315	248	08/13/75
	K2	5,214,357	05/25/93	Dakin et al.	315	248	11/14/91
	L2	4,016,507	04/05/77	Havens	331	96	05/11/76
	M2	4,070,603	01/24/78	Regan et al.	315	248	07/14/76
JV	N2	4,127,797	11/28/78	Perper	315	209R	09/19/77
Foreign Patent Documents							
		Document #	Date MM/DD/YY	Country	Class	Subclass	Translation Yes No
	O2						
	P2						
	Q2						
	R2						
	S2						
Other Citations (including Author, Title, Date, Pertinent Pages, etc.)							
JV	T2	Wharmby, D., "Review of electrodeless discharges for lighting", Thorn Lighting Limited Presentation (September 5, 1989).					
JV	U2	Wharmby, D., "Electrodeless discharges for lighting", GE Lighting Europe Presentation (1994).					
JV	V2	Wharmby, D.O., Ph.D., "Electrodeless lamps for lighting: A review", <i>IEEE Proceedings-A</i> , Vol. 140, No. 6 (November 1993).					
Examiner 				Date Considered 12/15/03			
* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and <u>not</u> considered. Include a copy of this form with the next communication to Applicant.							



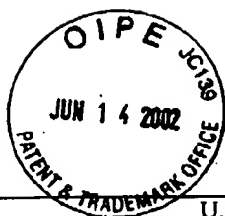
U.S. Department of Commerce Patent and Trademark Office				Atty. Docket: 306.07	Appln. No.: 09/975,552	
Modified Form PTO-1449 Information Disclosure Statement				Applicant: KIRKPATRICK, Douglas A. et al.		
Sheet <u>3</u> of <u>7</u>				Date: June 14, 2002		
U.S. Patent Documents						
* Ex. Initials	Document #	Date MM/DD/YY	Name	Class	Subclass	Filing Date
JV	A3	4,245,178	Justice	315	248	02/21/79
	B3	4,380,744	Kantorowicz	331	107R	06/12/80
	C3	4,484,156	Khanna et al.	331	60	03/18/82
	D3	4,547,750	Torizuka et al.	331	99	01/18/83
	E3	4,613,796	Bay	315	219	08/13/84
	F3	Re. 32,527	Shinkawa et al.	331	99	03/06/86
	G3	4,736,454	Hirsch	455	129	09/15/83
	H3	4,775,845	McCoy	331	96	04/24/87
	I3	4,906,946	Mekata et al.	331	99	09/23/88
	J3	4,949,053	Havens	331	96	09/01/89
	K3	4,982,168	Sigmon et al.	331	107SL	11/01/89
	L3	5,107,229	Cheesman	331	185	11/26/90
	M3	5,118,997	El-Hamamsy	315	248	08/16/91
JV	N3	5,159,346	Bosch et al.	342	175	06/10/91
Foreign Patent Documents						
	Document #	Date MM/DD/YY	Country	Class	Subclass	Translation Yes No
	O 3					
	P 3					
	Q 3					
	R 3					
	S 3					
Other Citations (including Author, Title, Date, Pertinent Pages, etc.)						
JV	T 3	Hagen, Jon B., "Radio-Frequency Electronics: Circuits and Applications", pp. 115-123, Cambridge University Press (1996)				
JV	U 3	Kipling, Kent et al., "Low Wattage, Solid State Electrodeless Lamp Having High Brightness", <i>Journal of Technical Disclosure</i> , (October 1, 1998)				X
JV	V 3	"Low Wattage Solid State Electrodeless Lamp Having High Brightness", <i>Research Disclosure</i> , pp. 1341-1344 (October 1998)				
Examiner			Date Considered			
			12/15/03			
* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and <u>not</u> considered. Include a copy of this form with the next communication to Applicant.						



U.S. Department of Commerce Patent and Trademark Office				Atty. Docket: 306.07		Appln. No.: 09/975,552	
Modified Form PTO-1449 Information Disclosure Statement				Applicant: KIRKPATRICK, Douglas A. et al.			
Sheet <u>4</u> of <u>7</u>				Date: June 14, 2002		Filing Date: October 12, 2001	
						Group: 2821	
U.S. Patent Documents							
* Ex. Initials		Document #	Date MM/DD/YY	Name	Class	Subclass	Filing Date
JV	A4	5,289,139	02/22/94	Fiedziuszko et al.	331	56	11/13/92
	B4	5,339,047	08/16/94	Mizan et al.	330	286	02/18/93
	C4	5,387,850	02/07/95	Bray et al.	315	248	06/05/92
	D4	5,397,966	03/14/95	Vrionis et al.	315	248	05/20/92
	E4	5,448,137	09/05/95	Bobel	315	244	10/11/94
	F4	5,483,206	01/09/96	Lohninger	331	107SL	11/24/93
	G4	5,541,482	07/30/96	Siao	315	248	05/19/93
JV	H4	5,587,629	12/24/96	Gornstein	315	200R	08/28/95
	I4						
	J4						
	K4						
	L4						
	M4						
	N4						
Foreign Patent Documents							
		Document #	Date MM/DD/YY	Country	Class	Subclass	Translation Yes No
	O 4						
	P 4						
	Q 4						
	R 4						
	S 4						
Other Citations (including Author, Title, Date, Pertinent Pages, etc.)							
JV	T 4	Martín, Jose L.J. and González, Francisco J.O., "Accurate Linear Oscillator Analysis and Design", <i>Microwave Journal</i> , pp. 22, 24, 26, 28, 30-32, 37 (entire article) (June 1996)					
JV	U 4	Raab, Frederick, "Class-F Power Amplifiers With Maximally Flat Waveforms", <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 45(11):2007-2012 (November 1997)					
	V 4						
Examiner 				Date Considered 12/15/03			
* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and <u>not</u> considered. Include a copy of this form with the next communication to Applicant.							



U.S. Department of Commerce Patent and Trademark Office				Atty. Docket: 306.07		Appln. No.: 09/975,552		
Modified Form PTO-1449 Information Disclosure Statement				Applicant: KIRKPATRICK, Douglas A. et al.				
Sheet <u>5</u> of <u>7</u>				Date: June 14, 2002		Filing Date: October 12, 2001		
						Group: 2821		
U.S. Patent Documents								
* Ex. Initials		Document #	Date MM/DD/YY	Name	Class	Subclass	Filing Date	
JV	A5	3,943,404	03/09/76	McNeil et al.	315	39	04/21/75	
	B5	4,783,615	11/08/88	Dakin	315	248	06/26/85	
	C5	5,367,226	11/22/94	Ukegawa et al.	315	248	02/01/94	
	D5	5,404,076	04/04/95	Dolan et al.	313	572	01/03/93	
	E5	5,637,961	06/10/97	Ishii et al.	315	111.51	08/21/95	
	F5	5,661,365	08/26/97	Turner	313	637	10/17/94	
	G5	5,682,080	10/28/97	Dolan et al.	313	570	10/30/96	
	H5	4,922,210	05/01/90	Flachenecker et al.	331	167	07/18/89	
	I5	4,007,392	02/08/77	Valfells et al.	313	154	04/16/74	
	J5	5,621,266	04/15/97	Popov et al.	313	46	10/03/95	
	K5	5,841,243	11/24/98	Hooper	315	248	5/23/97	
	L5	5,841,244	11/24/98	Hamilton et al.	315	248	6/18/97	
	M5	5,852,339	12/22/98	Hamilton et al.	313	11	6/18/97	
JV	N5	5,886,478	5/23/99	Smith et al.	315	248	11/13/97	
Foreign Patent Documents								
		Document #	Date MM/DD/YY	Country	Class	Subclass	Translation Yes No	
JV	O5	0457242	11/21/91	EP	H05B	41/24		
	P5	38 42 756	06/21/90	DE	H01J	27/16	X	
	Q5	0357453	03/07/90	EP	H01J	65/04		
	R5	0309270	03/29/89	EP	H03B	5/18		
JV	S5	2170668	08/06/86	GB	H03B	5/36		
Other Citations (including Author, Title, Date, Pertinent Pages, etc.)								
JV	T5	International Search Report in PCT Application No. PCT/US99/00047						
	U5							
	V5							
Examiner <i>[Signature]</i>				Date Considered <i>12/15/03</i>				
* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and <u>not</u> considered. Include a copy of this form with the next communication to Applicant.								



U.S. Department of Commerce Patent and Trademark Office				Atty. Docket: 306.07	Appln. No.: 09/975,552			
Modified Form PTO-1449 Information Disclosure Statement				Applicant: KIRKPATRICK, Douglas A. et al.				
Sheet <u>6</u> of <u>7</u>				Date: June 14, 2002				
U.S. Patent Documents								
* Ex. Initials	Document #	Date MM/DD/YY	Name	Class	Subclass	Filing Date		
SV	A6	5,886,479	Kennedy et al.	315	248	11/13/97		
SV	B6	5,962,986	Morse	315	248	5/19/97		
SV	C6	5,990,632	Smith et al.	315	248	11/13/97		
	D6							
	E6							
	F6							
	G6							
	H6							
	I6							
	J6							
	K6							
	L6							
	M6							
	N6							
Foreign Patent Documents								
	Document #	Date MM/DD/YY	Country	Class	Subclass	Translation Yes No		
SV	O6	0458546	EP	H05B	41/38			
	P6							
	Q6							
	R6							
	S6							
Other Citations (including Author, Title, Date, Pertinent Pages, etc.)								
	T6							
	U6							
	V6							
Examiner <i>[Signature]</i>				Date Considered <i>12/15/03</i>				
* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and <u>not</u> considered. Include a copy of this form with the next communication to Applicant.								



U.S. Department of Commerce Patent and Trademark Office				Atty. Docket: 306.07	Appln. No.: 09/975,552		
Modified Form PTO-1449 Information Disclosure Statement				Applicant: KIRKPATRICK, Douglas A. et al.			
Sheet <u>7</u> of <u>7</u>				Date: June 14, 2002			
U.S. Patent Documents							
* Ex. Initials	Document #	Date MM/DD/YY	Name	Class	Subclass	Filing Date	
JV	A7	5,084,801	01/28/92	El-Hamamsy <i>et al.</i>	361	277	02/19/91
	B7	5,500,574	03/19/96	Popov <i>et al.</i>	315	248	09/28/94
	C7	5,834,895	11/10/98	Dolan <i>et al.</i>	313	570	12/05/94
	D7	5,834,904	11/10/98	Waymouth	315	248	09/26/95
	E7	6,017,221	01/25/00	Flamm	437	225	05/30/97
	F7	5,688,357	11/18/97	Hanawa	156	345	02/15/95
	G7	5,982,099	11/09/99	Barnes <i>et al.</i>	315	111.21	03/29/96
	H7	5,929,717	07/27/99	Richardson <i>et al.</i>	333	17.3	01/09/98
	I7	5,519,285	05/21/96	Ukegawa <i>et al.</i>	313	594	12/13/93
	J7	5,306,987	04/26/94	Dakin <i>et al.</i>	315	248	03/11/93
	K7	6,080,149	06/27/00	Huang <i>et al.</i>	606	32	01/09/98
	L7	5,424,694	06/13/95	Maloratsky <i>et al.</i>	333	112	06/30/94
	M7	5,446,350	08/29/95	El-Hamamsy <i>et al.</i>	315	248	04/18/94
JV	N7	5,359,264	10/25/94	Butler <i>et al.</i>	315	248	12/18/92
Foreign Patent Documents							
	Document #	Date MM/DD/YY	Country	Class	Subclass	Translation Yes No	
	O7						
	P7						
	Q7						
	R7						
	S7						
	T7						
	U7						
	V7						
	W7						
Other Citations (including Author, Title, Date, Pertinent Pages, etc.)							
JV	X7	Maloratsky, "Couplers Shrink HF/VHF/UHF Designs", Microwaves & RF, pp 93-96 (June 2000)					
	Y7						
Examiner: <i>[Signature]</i>				Date Considered: 12/15/03			
* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and <u>not</u> considered. Include a copy of this form with the next communication to Applicant.							